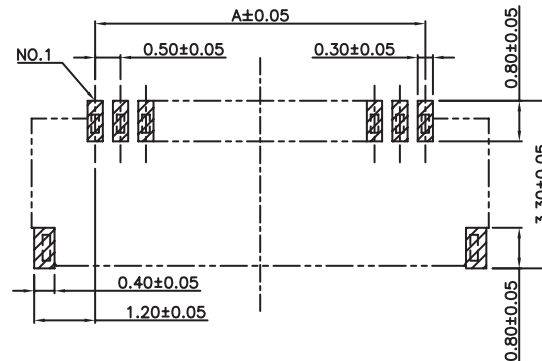




RECOMMENDED PCB LAYOUT

TECHNICAL CHARACTERISTICS

MATERIAL
INSULATOR: LCP
FLAMABILITY RATING: UL94-V0
COLOUR: IVORY
CONTACT MATERIAL: PHOSPHOR BRONZE
CONTACT PLATING: 80 µ" MAT TIN OVER 50 µ" NICKEL
CONTACT TYPE: STAMPED
TAB MATERIAL: BRASS
TAB PLATING: 80 µ" MAT TIN OVER 50 µ" NICKEL
TAB TYPE: STAMPED
ACTUATOR MATERIAL: PA9T
ACTUATOR COLOUR: BLACK
QUALITY CLASS: 20 MATING CYCLES
PITCH: 0.50 MM

ENVIRONMENTAL
OPERATING TEMPERATURE: -40°C UP TO +105°C
COMPLIANCE: ROHS AND HALOGEN FREE

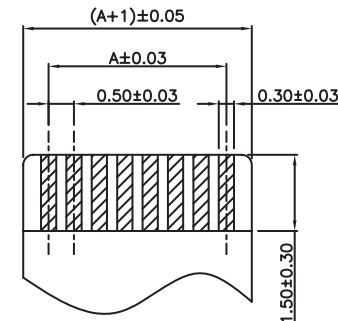
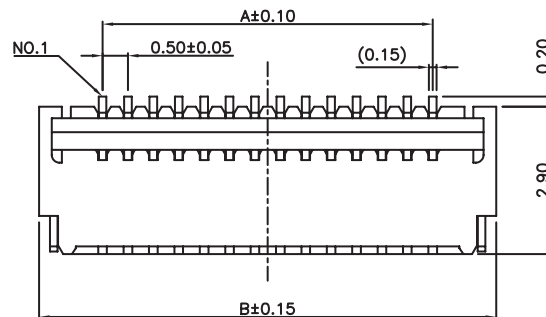
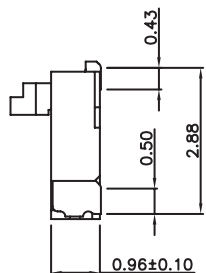
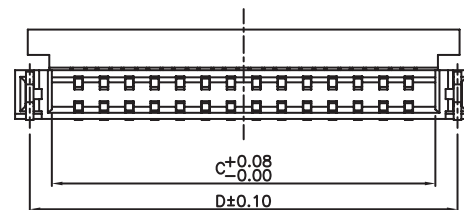
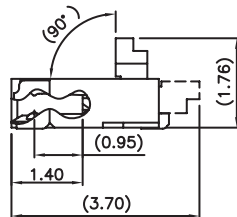
ELECTRICAL
CURRENT RATING: 0.5A
WORKING VOLTAGE: 50 VAC
WITHSTANDING VOLTAGE: 0.25 KVAC/min
CONTACT RESISTANCE: 30 mOHM
INSULATION RESISTANCE: >500 MΩ

SOLDERING
JEDEC LEAD FREE REFLOW SOLDERING

PACKAGING TAPE AND REEL

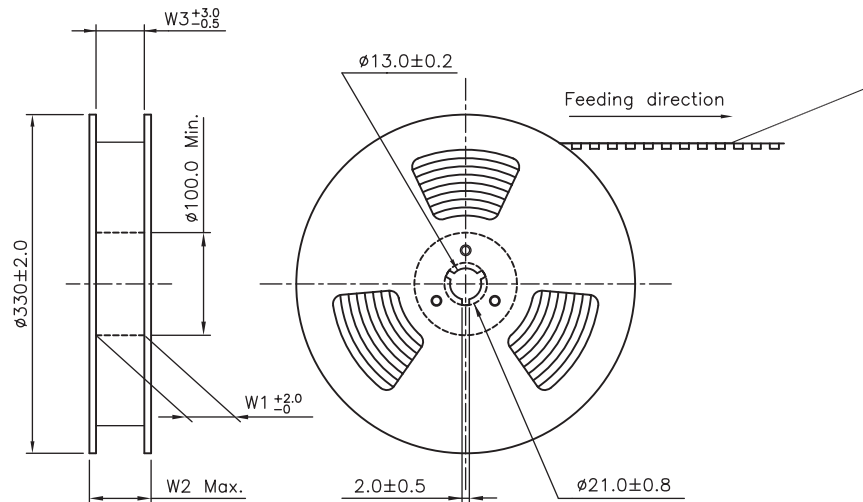
AVAILABLE POLARITIES
06, 08, 10, 12, 14, 16, 17, 18, 20, 22, 24, 26, 28

DIMENSION:
A = 0.50 x (NB PINS -1)
B = (0.50 x NB PINS) +2
C = A + 1.05
D = C + 0.92



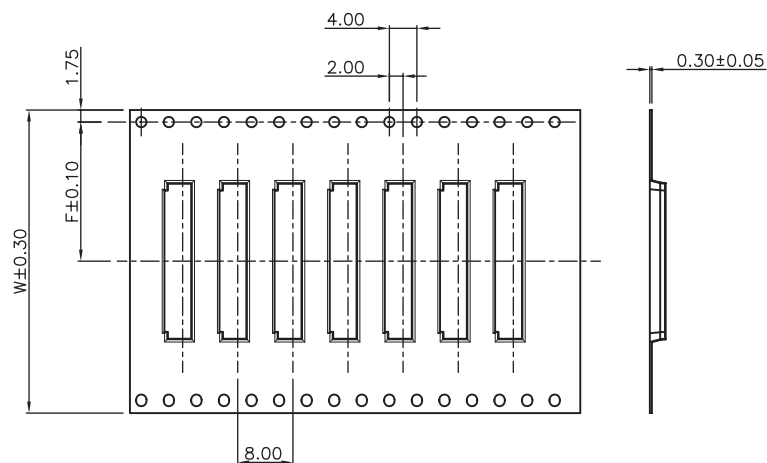
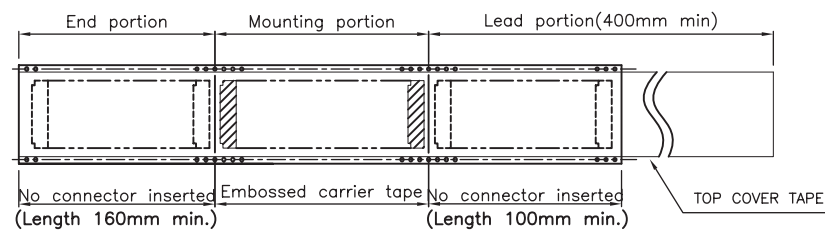
(THICKNESS = 0.31 ± 0.03 MM)
APPLICABLE FFC/FPC DIM.

RoHS Compliant				PROJECTION: 	GENERAL TOLERANCE .X = $\pm$ 0.2 .XX = $\pm$ 0.15		DESCRIPTION: CONFPFI - 0.5 MM PITCH HORIZONTAL DUAL CONTACT, BACK FLIP ACTUATOR WERI PART NO: 687 1xx 182 122	SIZE A4
G								
F								
E								
D								
C			APPROVAL: GMo	UNIT: MM				
B				SCALE:				
A	08-JUN-15	PDF		AK				SHEET: 1/3
REV	DATE	FILE		BY				DRAW: AK

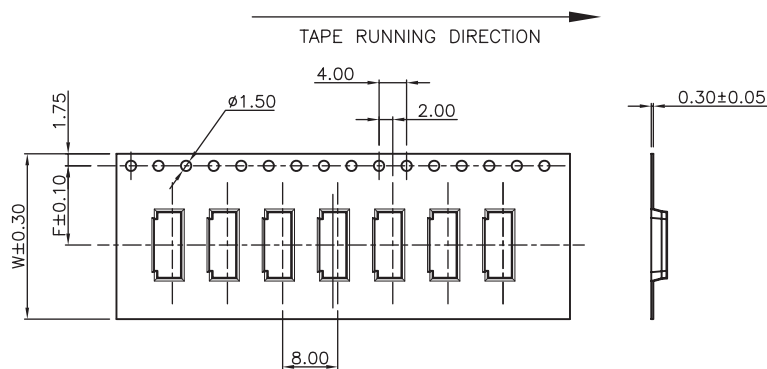


Quantity: 3500 PCS/REEL

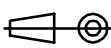
Circuits	Dimension					Packing (Reel/Carton)
	E	F	W1	W2	W3	
4-11	16.0(.630)	7.50(.295)	16.5(.650)	22.5(.885)	16.5(.650)	11
12-27	24.0(.945)	11.50(.453)	24.5(.965)	30.5(1.200)	24.5(.965)	9
28-39	32.0(1.260)	14.20(.559)	32.5(1.280)	38.5(1.516)	32.5(1.280)	7
40	44.0(1.732)	20.20(.795)	44.5(1.752)	50.5(1.988)	44.5(1.752)	5



WIDTH : 32, 44, 56 mm Carrier



WIDTH : 16, 24 mm Carrier

RoHS Compliant				PROJECTION: 	GENERAL TOLERANCE .X = $\pm$ 0.2 .XX = $\pm$ 0.15	 WÜRTH ELEKTRONIK		
G								
F								
E								
D								
C				APPROVAL: GMo	UNIT: MM	DESCRIPTION: CONFPIC - 0.5 MM PITCH HORIZONTAL DUAL CONTACT, BACK FLIP ACTUATOR		SIZE A4
B					SCALE:			
A					SHEET: 2/3	WERI PART NO: 687 1xx 182 122		
REV	DATE	FILE	BY		DRAW: AK			

1

2

3

4

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Cautions and Warnings:

This electronic component is designed and developed with the intention for use in general electronics equipments.

Before incorporating the components into any equipments in the field such as aerospace, aviation, nuclear control, submarine, transportation, (automotive control, train control, ship control), transportation signal, disaster prevention, medical, public information network etc. where higher safety and reliability are especially required or if there is possibility of direct damage or injury to human body, Würth Elektronik must be asked for a written approval.

In addition, even electronic component in general electronic equipments, when used in electrical circuits that require high safety, reliability functions or performance, the sufficient reliability evaluation-check for the safety must be performed before by the user before usage.

A

B

C

D

RoHS Compliant				PROJECTION: 	GENERAL TOLERANCE .X = +/- 0.2 .XX = +/- 0.15		
G							
F							
E							
D				APPROVAL: JC	UNIT: MM	DESCRIPTION: DISCLAIMER	SIZE A4
C					SCALE:	WERI PART NO: DISCLAIMER	
B					SHEET: 3/3		
A	10-SEP-14	PDF	QL		DRAW: QL		
REV	DATE	FILE	BY				